1986 SYNOPSIS OF THE SACRAMENTO PRECIPITATION STORAGE GAUGE NETWORK

by

Paul Jablonski

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For additional copies of this report, contact:

Alberta Forestry, Lands and Wildlife
Forest Land Use Branch
6th Floor, Bramalea Building
9920 - 108 Street
Edmonton, Alberta
T5K 2C9

Phone: (403) 427-3588

OR

Alberta Forestry, Lands & Wildlife
Information Centre
Main Floor, Bramalea Building
9920 - 108th Street
EDMONTON, Alberta
T5K 2M4

Phone: (403) 427-3590

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Special thanks to the watershed foresters and many district forest officers who read and maintain these gauges. Without them this publication would not be possible.

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1. INTRODUCTION

The Sacramento precipitation storage gauge network now stands at 132 gauges with two new installations in the Slave Lake Forest. These are located at Salt Prairie and Sweathouse Towers, S13 and S14, respectively. These additional gauges should further assist the Alberta Forest Service in obtaining better precipitation information in northern Alberta for watershed and fire protection purposes.

Reservation of all Sacramento gauge sites with the Public Lands Division is nearing completion and all involved are gratefully acknowledged.

Beginning with this year's data, all Sacramento precipitation results (semi-annual and monthly) are now available on computer diskettes using IBM PC, Lotus 123.

The following tables present Sacramento data for the 10 forests in alphabetical order by station number. For each forest the first table names and describes the location, while the second table summarizes the data for the water year 1985-86.

Alberta Environment, Technical Services Division and Environment Canada, Atmospheric Environment Service can also be contacted for more precipitation and other climatic data.

2. SUMMARY

With the exception of Rocky Clearwater and Edson forests which received below average precipitation, all other forests in Alberta had above average winter precipitation. Other than a cold November, the remainder of the winter was relatively mild. Snowpacks in the mountain headwaters were near average, but below average through much of the remainder of the province.

Other than a heat wave at the end of May, the summer was cool and wet in most forested regions. A major summer storm occurred in July in the Rocky Clearwater and Edson forests resulting in flooding in the Rocky Clearwater and downstream in the plains. By summer's end only Grande Prairie and Peace River forests had below average rainfall while all other forests received above average rainfall. Compared to the longterm averages, Rocky Clearwater forest received much above average precipitation.

By water year-end, all forests had received average to above average precipitation. As a consequence of higher precipitation, water supplies were adequate and forest fire hazard was lower than usual.

TABLE 1 BOW CROW FOREST LOCATIONS

STN	NAME	LSD	LAT	LONG	ELEV (M)	YRS
A01*	CASTLE RS	01-21-005-03-W5	49 23	114 20	1387	34
A09	CARPENTER CREEK	08-34-003-01-W5	49 15	114 03	1676	32
A11	GOAT CREEK	03-23-006-05-W5	49 29	114 34	1859	23
B03	YORK CREEK	12-20-007-04-W5	49 35	114 31	1539	33
B06	SASKATOON MOUNTAIN	10-29-008-04-W5	49 41	114 31	1768	33
B08	COW CREEK	03-02-009-03-W5	49 42	114 18	1433	28
B10*	CROWSNEST CREEK	05-31-007-05-W5	49 36	114 40	1463	33
B12	ALLISON PASS	05-22-009-05-W5	49 45	114 36	1981	33
C07	SUGARLOAF S.E.	03-29-011-04-W5	49 56	114 31	1875	24
C10	OYSTER CREEK	13-21-013-05-W5	50 07	114 38	1829	32
C13	LIVINGSTONE GAP	09-33-010-03-W5	49 51	114 21	1417	33
C14	COAT CREEK	06-13-013-04-W5	50 05	114 25	1646	32
D01*	WILLOW CREEK RS	08-09-015-03-W5	50 10	114 21	1494	30
D02	HAILSTONE BUTTE	08-34-014-04-W5	50 13	114 27	2362	25
D04	PEKISKO	11-02-016-04-W5	50 20	114 27	1539	30
E01*	WEST PORCUPINE	02-27-010-01-W5	49 51	114 03	1448	34
F01	EAST PORCUPINE	02-26-012-01-W5	50 02	114 02	1372	32
F02	HAPPY VALLEY	14-13-013-02-W5	50 05	114 09	1402	21
G01*	HIGHWOOD RS	08-33-016-05-W5	50 23	114 37	1494	33
G02	MIST CREEK	05-13-018-07-W5	50 31	114 52	1753	33
G04	TRAP CREEK	04-31-017-04-W5	50 28	114 32	1494	32
G07	WILKINSON SUMMIT	02-25-014-05-W5	50 12	114 33	1981	20
H02	SHEEP RIVER	09-08-019-06-W5	50 36	114 48	1768	33
H05	FORGET-ME-NOT	11-14-021-06-W5	50 45	114 47	2286	19
K01*	CANMORE	03-08-025-10-W5	51 07	115 22	1326	34
K02	KANANASKIS LAKES	04-30-019-08-W5	50 38	115 06	1676	34
K06	MUD LAKE	10-28-021-10-W5	50 49	115 19	1905	32
K07*	KANANASKIS BOUNDARY	05-36-022-09-W5	50 55	115 07	1509	33
K08	WHITEMAN'S PASS	15-12-024-11-W5	51 02	115 24	1676	33
L02	MOCKINGBIRD LO	11-28-028-08-W5	51 25	115 04	1905	24
L03	HAROLD CREEK	06-13-029-07-W5	51 29	114 52	1356	31
L05	BURNT TIMBER LO	15-29-029-10-W5	51 30	115 21	2012	22
M01*	RED DEER RS	07-17-031-09-W5	51 39	115 14	1433	33
M02	BLUE HILL LO	13-33-031-09-W5	51 42	115 13	1951	22
	AVERAGE :				1487	

* MONTHLY DATA AVAILABLE

TABLE 2 BOW CROW FOREST DATA 1985-86

STN	[FROM DATE YYMMDD	TO/FROM DATE YYMMDD	WINTER PRECIP (MM)	AVG (MM)	RATIO %	][TO DATE YYMMDD	SUMMER PRECIP (MM)	AVG (MM)	RATIO %	][W + S (MM)	ANNUAL AVG (MM)	RATIO %]
A01*	851005	860501	365	371.3	98	861001	339	278.8	122	704	650.8	108
A09	851001	860506	522	386.3	135	861001	479	354.0	135	1002	736.3	136
A11	851001	860505	803	699.2	115	861002	443	410.1	108	1246	1104.6	113
B03	851003	860505	835	615.7	136	861001	378	350.5	108	1212	959.4	126
B06	851001	860505	448	385.5	116	861002	296	229.1	129	743	612.7	121
B08	851001	860506	435	318.6	137	861002	351	292.6	120	786	606.8	130
B10*	851003	860502	425	379.2	112	861001	322	277.9	116	747	655.7	114
B12	851001	860506	808	679.6	119	861001	415	390.3	106	1222	1065.9	115
C07	851001	860507	463	387.8	119	861002	328	307.6	107	791	692.0	114
C10	851003	860505	397	291.3	136	861002	294	304.8	97	691	592.7	117
C13	851001	860505	221	223.7	99	861002	275	232.5	118	496	456.3	109
C14	851001	860505	285	266.9	107	861002	303	283.9	107	588	550.2	107
D01*	851002	860501	214	242.7	88	861002	448	342.4	131	662	578.0	114
D02	851002	860501	214	234.6	91	861002	312	325.1	96	526	551.1	95
D04	851002	860501	289	243.1	119	861002	365	325.3	112	654	558.8	117
E01*	851004	860502	162	199.4	81	860930	252	262.9	96	414	460.4	90
F01	851004	860502	128	170.0	75	861003	312	290.2	108	440	464.3	95
F02	851004	860506	222	220.0	101	861003	454	338.1	134	676	558.0	121
G01*	851002	860501	96	206.2	47	861002	375	256.8	146	472	460.1	103
G02	851002	860501	439	364.9	120	861002	294	273.9	107	733	625.5	117
G04	851002	860501	214	296.2	72	861002	534	336.5	159	748	626.1	119
G07	851002	860501	271	345.6	78	861002	431	367.3	117	703	699.3	100
H02	851002	860501	375	381.8	98	861002	481	362.2	133	856	733.3	117
H05	851002	860501	342	363.0	94	861002	532	398.6	133	875	743.5	118
K01*	850927	860501	121	156.5	77	861001	413	215.5	192	534	373.5	143
K02	850927	860501	369	332.8	111	861001	403	266.4	151	772	599.4	129
K06	850927	860501	408	426.4	96	861001	477	346.1	138	885	771.5	115
K07*	850927	860501	221	246.7	89	861001	372	250.3	149	592	499.5	119
K08	850927	860501	203	216.9	94	861001	415	250.5	166	619	468.3	132
L02	850930	860501	162	195.3	83	861001	503	293.6	171	666	490.4	136
L03	850930	860501	124	169.9	73	861001	641	344.6	186	766	516.7	148
L05	850930	860502	185	187.1	99	861001	427	292.8	146	613	480.0	128
M01*	851001	860501	121	148.6	81	860930	524	309.0	170	645	457.6	141
M02	851001	860501	186	190.3	98	861002	787	398.7	197	973	589.1	165
AVERAGE :			326	310.1	105		411	310.6	132	737	617.3	119

TABLE 3 ROCKY CLEARWATER FOREST LOCATIONS

STN	NAME	LSD	LAT	LONG	ELEV (M)	YRS
N01*	CLEARWATER RS	01-08-035-09-W5	51 58	115 13	1280	33
N02	BASELINE LO	04-31-036-10-W5	52 08	115 26	1859	24
N03	RADIANT CREEK	01-31-035-11-W5	52 03	115 31	1433	32
N04	FORTY MILE FLAT	03-02-034-13-W5	51 54	115 45	1608	31
O01	MEADOWS CABIN	07-10-039-12-W5	52 21	115 35	1341	31
O02	RAM FALLS	02-18-036-13-W5	52 06	115 51	1615	31
O03	NORTH RAM SUMMIT	10-10-039-15-W5	52 20	116 04	1676	31
P01*	NORDEGG RS	12-28-040-15-W5	52 28	116 06	1372	34
P02	CHUNGO CREEK	06-17-043-17-W5	52 42	116 26	1372	31
P03	SHUNDA-BALDY LO	03-20-041-15-W5	52 32	116 07	2083	23
P04	KOOTENAY PLAINS	05-09-036-17-W5	52 04	116 22	1372	30
P05	BROWN CREEK	11-20-043-19-W5	52 43	116 43	1524	29
P06	DAVID THOMPSON HGHWY	15-15-035-19-W5	52 02	116 35	1372	28
P07	CLINE RIVER	06-06-037-18-W5	52 09	116 30	1463	23
P08	MCDONALD CREEK	07-07-037-19-W5	52 10	116 42	1615	23
P09	PINTO LAKE	08-36-036-21-W5	52 08	116 51	1829	23
P10	SIFFLEUR RIVER	12-21-034-17-W5	51 57	116 21	1585	23
P11	BROWN CREEK HDWTRS	04-17-043-19-W5	52 42	116 44	1829	23
P13	ONION LAKE	07-26-036-16-W5	52 07	116 10	1981	20
Q01*	SHUNDA RS	11-35-040-13-W5	52 29	115 47	1402	33
Q02	ATLAS LUMBER	15-10-043-14-W5	52 41	115 56	1219	31
Q03	OWL CREEK	16-04-046-15-W5	52 56	116 06	1158	7
	AVERAGE :				1545	

* MONTHLY DATA AVAILABLE

TABLE 4 ROCKY CLEARWATER FOREST DATA 1985-86

STN	[FROM DATE YYMMDD	TO/FROM DATE YYMMDD	WINTER PRECIP (MM)	AVG (MM)	RATIO %	][TO DATE YYMMDD	SUMMER PRECIP (MM)	AVG (MM)	RATIO %	][W + S (MM)	ANNUAL AVG (MM)	RATIO %]
N01*	850930	860501	152	190.1	80	861001	660	360.0	183	813	551.2	147
N02	851001	860501	239	273.7	87	861001	655	439.0	149	894	714.2	125
N03	850930	860501	115	139.8	82	861001	431	293.3	147	546	433.9	126
N04	850930	860502	114	174.0	66	860930	356	258.3	138	470	434.2	108
001	851001	860501	179	223.5	80	861001	607	381.3	159	786	606.4	130
002	850930	860430	165	193.7	85	860930	462	332.0	139	627	526.6	119
003	850929	860430	224	246.7	91	860929	576	394.1	146	801	641.6	125
P01*	850929	860430	114	147.6	77	860929	496	329.0	151	610	477.7	128
P02	850930	860502	191	209.0	92	860929	672	387.0	174	864	596.7	145
P03	850929	860502	229	246.0	93	860927	470	394.8	119	699	641.5	109
P04	850930	860502	115	106.0	108	860930	204	180.0	113	318	285.7	111
P05	850930	860502	178	228.8	78	860929	571	371.3	154	750	601.9	125
P06	850928	860430	236	218.0	108	860929	254	201.9	126	490	419.2	117
P07	850930	860502	139	154.3	90	860930	267	190.4	140	407	345.4	118
P08	850930	860502	217	190.7	114	860930	241	199.2	121	457	388.7	118
P09	850930	860502	318	309.0	103	860930	267	230.0	116	585	538.6	109
P10	850930	860502	305	234.0	130	860930	330	255.0	129	635	485.8	131
P11	850930	860502	204	273.2	75	860929	570	394.4	145	774	670.7	115
P13	850930	860502	260	268.8	97	860930	483	343.3	141	743	612.6	121
Q01*	850930	860502	191	210.0	91	861001	597	362.0	165	788	572.6	138
Q02	850930	860502	178	196.2	91	860929	623	371.2	168	801	568.0	141
Q03	851002	860318	106	158.3	67	861023	663	421.2	157	769	586.6	131
AVERAGE :			190	208.7	91		475	322.2	147	665	531.8	125

TABLE 5 GRANDE PRAIRIE FOREST LOCATIONS

STN	NAME	LSD	LAT	LONG	ELEV (M)	YRS
R01	FLAT TOP	10-08-062-10-W6	54 21	119 28	1530	11
R02	WOLF CREEK-CUTBANK	05-29-063-08-W6	54 29	119 10	914	11
R03	REDROCK DIST. III C.	02-04-063-09-W6	54 25	119 17	1393	11
R04	NOSE MOUNTAIN	10-22-064-11-W6	54 33	119 35	1481	10
R05	LITTLE REDROCK	11-34-062-09-W6	54 24	119 16	1329	11
R06	SULPHUR RANGE	13-22-060-12-W6	54 13	119 43	1737	11
R07	SADDLE HILLS	02-36-076-12-W6	55 37	119 53	918	10
R08	PINTO TOWER	04-12-067-10-W6	54 47	119 24	1021	9
R09	SMOKY TOWER	08-07-062-03-W6	54 20	118 26	930	10
R10	KAKWA TOWER	09-04-063-07-W6	54 26	118 59	1234	10
R11	TORRENS MOUNTAIN	04-35-061-12-W6	54 19	119 41	1713	10
R12	UPPER PRAIRIE CREEK	04-10-060-08-W6	54 10	119 07	1341	10
R14	NARRAWAY	06-15-065-13-W6	54 37	119 53	1006	10
R15	COPTON	07-23-059-11-W6	54 07	119 32	1637	10
R16	ECONOMY TOWER	16-09-067-02-W6	54 47	118 14	853	6
R17	MUSREAU CREEK	15-22-064-05-W6	54 33	118 40	945	6
R18	WENZEL CREEK	11-27-064-01-W6	54 34	118 04	899	6
R19	SPRING LAKE	10-13-076-11-W6	55 35	119 34	914	6
R20	DEEP VALLEY AIRSTRIP	16-05-063-25-W5	54 26	117 44	863	7
	AVERAGE :				1193	

TABLE 6 GRANDE PRAIRIE FOREST DATA 1985-86

STN	[FROM DATE YYMMDD	TO/FROM DATE YYMMDD	WINTER PRECIP (MM)	AVG (MM)	RATIO %	][TO DATE YYMMDD	SUMMER PRECIP (MM)	AVG (MM)	RATIO %	][W + S (MM)	ANNUAL AVG (MM)	RATIO %]
R01	850923	860507	349	239.7	146	861002	342	457.7	75	691	687.5	101
R02	850924	860507	205	177.3	116	860929	269	390.9	69	474	562.8	84
R03	850923	860507	308	241.6	128	861002	386	470.6	82	694	703.8	99
R04	850923	860507	433	295.8	146	860929	572	580.0	99	1004	865.2	116
R05	850924	860507	309	243.5	127	861002	376	502.6	75	685	738.2	93
R06	850923	860507	450	356.5	126	860929	432	491.5	88	882	836.7	105
R07	850924	860502	261	167.8	156	860929	263	349.8	75	524	509.5	103
R08	850923	860507	284	203.1	140	860929	318	412.4	77	602	606.9	99
R09	850924	860502	244	198.5	123	861001	414	450.3	92	658	641.2	103
R10	850923	860502	251	197.9	127	861002	361	430.4	84	612	624.9	98
R11	850923	860507	343	235.5	146	860929	414	440.8	94	758	664.1	114
R12	850923	860507	250	192.8	130	860929	381	437.0	87	631	622.3	101
R14	850923	860507	258	193.9	133	860929	340	360.0	95	598	547.8	109
R15	850923	860507	468	332.4	141	860929	447	427.2	105	915	745.9	123
R16	850924	860502	279	196.3	142	861001	294	368.7	80	573	552.7	104
R17	850924	860502	244	185.3	132	861001	341	387.2	88	585	560.3	104
R18	850924	860502	292	219.5	133	861001	348	401.3	87	640	608.5	105
R19	850924	860502	235	156.7	150	860929	238	298.7	80	473	443.2	107
R20	850924	860502	276	182.4	151	861001	363	408.5	89	639	576.3	111
AVERAGE :			302	221.9	136		363	424.5	85	665	636.7	104

TABLE 7 SLAVE LAKE FOREST LOCATIONS

STN	NAME	LSD	LAT	LONG	ELEV (M)	YRS
S01	FLAT TOP TOWER	06-14-071-06-W5	55 09	114 49	991	9
S02	STRAWBERRY CREEK	11-02-072-11-W5	55 12	115 35	786	9
S03	MABEL CREEK	12-31-070-11-W5	55 06	115 40	786	9
S04	STONY CREEK	01-21-070-09-W5	55 04	115 19	701	9
S05	CHALMERS CREEK	03-05-069-08-W5	54 57	115 11	945	9
S06	PLOT #4	06-29-068-10-W5	54 55	115 29	1143	18
S07	ETHEL CREEK	04-07-067-08-W5	54 55	115 13	1082	9
S08	GOOSE MOUNTAIN ROAD	11-25-066-12-W5	54 44	115 41	1338	9
S09	TROUT MOUNTAIN	14-09-090-03-W5	56 47	114 25	786	8
S10	MARTEN TOWER	10-01-075-06-W5	55 30	114 48	1006	6
S11	ENILDA TOWER	06-14-073-15-W5	55 19	116 12	735	5
S12	WHITEFISH TOWER	12-11-083-10-W5	56 11	115 28	700	1
S13	SALT PRAIRIE LO	14-08-077-12-W5	55 40	115 50	750	0
S14	SWEATHOUSE LO	08-24-068-19-W5	54 54	116 45	880	0
	AVERAGE :				902	

TABLE 8 SLAVE LAKE FOREST DATA 1985-86

STN	[FROM DATE YYMMDD	TO/FROM DATE YYMMDD	WINTER PRECIP (MM)	AVG (MM)	RATIO %	][TO DATE YYMMDD	SUMMER PRECIP (MM)	AVG (MM)	RATIO %	][W + S (MM)	ANNUAL AVG (MM)	RATIO %]
S01	851002	860501	285	191.6	149	861002	441	374.6	118	726	543.5	134
S02	851002	860501	227	176.3	129	861001	399	364.8	109	625	519.8	120
S03	851001	860501	282	205.2	137	861001	418	413.9	101	700	600.5	117
S04	851001	860501	197	161.8	122	861001	419	385.0	109	616	538.1	115
S05	851001	860501	269	220.9	122	861002	487	477.1	102	756	681.1	111
S06	851001	860501	197	167.2	118	861002	414	403.7	102	611	569.2	107
S07	851001	860501	323	209.9	154	861002	355	468.3	76	678	658.6	103
S08	851001	860501	276	196.7	140	861002	419	449.7	93	694	633.5	110
S09	851003	860506	202	154.5	131	861002	386	290.6	133	588	438.3	134
S10	851002	860501	200	209.0	96	861002	387	424.4	91	587	635.2	92
S11	851002	860501	184	168.4	109	861001	296	311.8	95	480	476.3	101
S12	851004	860501	165	165.0	100	861001	313	313.0	100	478	478.0	100
S13												
S14												
AVERAGE :			234	185.5	126		394	389.7	102	628	564.3	112

TABLE 9 WHITECOURT FOREST LOCATIONS

STN	NAME	LSD	LAT	LONG	ELEV (M)	YRS
T01	FREEMAN CREEK	12-25-064-10-W5	54 34	115 23	838	9
T02	VIRGINIA HILLS	10-17-064-13-W5	54 32	115 56	1067	9
T03	GOOSE TOWER	03-34-066-14-W5	54 45	116 02	1371	7
T04	CARSON CREEK	06-09-061-12-W5	54 21	115 44	823	7
T05	COLD CREEK RS	09-29-053-11-W5	53 36	115 35	823	7
T06	WINDFALL	14-18-060-15-W5	54 12	116 14	777	7
T07	EAGLE TOWER	13-13-063-17-W5	54 27	116 26	1036	7
T08	BERLAND TOWER	13-09-059-23-W5	54 07	117 24	1174	7
T10	GOOSE LAKE	06-29-062-08-W5	54 23	115 10	777	7
T11	WHITECOURT MTN TOWER	10-21-058-12-W5	54 02	115 43	1158	6
T12	CARROT CREEK TOWER	04-33-051-13-W5	53 27	115 52	1055	6
	AVERAGE :				991	

TABLE 10 WHITECOURT FOREST DATA 1985-86

STN	[FROM DATE YYMMDD	TO/FROM DATE YYMMDD	WINTER PRECIP (MM)	AVG (MM)	RATIO %	][TO DATE YYMMDD	SUMMER PRECIP (MM)	AVG (MM)	RATIO %	][W + S (MM)	ANNUAL AVG (MM)	RATIO %]
T01	851001	860501	204	135.2	151	861001	356	361.9	98	560	502.6	111
T02	851001	860501	258	213.7	121	861001	323	408.2	79	581	638.9	91
T03	851001	860501	330	209.4	158	861001	774	529.0	146	1104	718.5	154
T04	851001	860501	202	149.1	135	861001	275	346.3	79	477	486.7	98
T05	851001	860501	164	155.9	105	861001	499	400.5	125	663	555.0	119
T06	851001	860501	225	168.1	134	861001	345	372.2	93	570	530.8	107
T07	851001	860501	307	227.7	135	861001	383	468.2	82	690	682.7	101
T08	851001	860501	253	192.1	132	861001	430	472.2	91	683	654.2	104
T10	851001	860501	201	134.5	149	861001	286	325.4	88	487	446.6	109
T11	851001	860501	260	188.3	138	861001	510	445.8	114	770	619.8	124
T12	851001	860501	193	161.3	120	861001	623	418.2	149	816	573.2	142
AVERAGE :			236	175.9	134		437	413.4	106	673	582.6	115

TABLE 11 EDSON FOREST LOCATIONS

STN	NAME	LSD	LAT	LONG	ELEV (M)	YRS
U01	MOUNTAIN PARK	07-33-045-23-W5	52 55	117 17	1798	4
U02	LOVETTVILLE	16-03-047-19-W5	53 02	116 41	1341	7
U03	WARDEN CREEK	10-15-049-25-W5	53 13	117 34	1433	7
U04	FELTON CREEK	08-31-049-22-W5	53 15	117 12	1213	7
U05	FISH CREEK	19-17-052-25-W5	53 29	117 38	1372	7
U06	FOX CREEK	02-05-055-02-W6	53 43	118 15	1372	7
U07	LOWER WILDHAY	16-12-056-25-W5	53 49	117 34	1052	6
U08	MAYBERNE	01-29-056-19-W5	53 52	116 47	1341	7
U09	UPPER SIMONETTE	02-05-059-04-W5	54 04	118 53	1463	7
U10*	GRANDE CACHE RS	03-03-057-08-W6	53 54	119 06	1280	7
U11	OBED SUMMIT	04-26-052-23-W5	53 31	117 17	1164	6
	AVERAGE :				1348	
	TRI-CREEKS					
D-A*	DEERLICK A	08-23-047-23-W5	53 09	117 14	1295	20
D-J*	DEERLICK J	09-28-047-23-W5	53 05	117 17	1561	3
E-B*	EUNICE B	05-07-048-22-W5	53 07	117 13	1448	19
E-D*	EUNICE D	11-36-047-23-W5	53 06	117 14	1539	19
W-B*	WAMPUS B	10-10-048-23-W5	53 08	117 16	1326	19
W-F*	WAMPUS F	13-33-047-23-W5	53 06	117 18	1475	19
W-G*	WAMPUS G	10-11-048-23-W5	53 07	117 15	1402	19
	AVERAGE :				1435	

* MONTHLY DATA AVAILABLE

TABLE 12 EDSON FOREST DATA 1985-86

STN	[FROM DATE YYMMDD	TO/FROM WINTER DATE YYMMDD	PRECIP (MM)	AVG (MM)	RATIO %	][TO DATE YYMMDD	SUMMER PRECIP (MM)	AVG (MM)	RATIO %	][W + S (MM)	ANNUAL AVG (MM)	RATIO %]
U01	851003	860501	194	201.1	96	861002	479	358.0	134	673	547.3	123
U02	851003	860501	178	174.5	102	860929	635	422.7	150	813	596.7	136
U03	851003	860501	226	198.3	114	861002	540	465.9	116	766	660.1	116
U04	851003	860501	171	173.3	99	860929	476	449.9	106	647	623.4	104
U05	850927	860501	147	157.6	93	861002	391	441.3	89	538	600.1	90
U06	851001	860502	189	174.1	109	860929	431	365.3	118	620	537.3	115
U07	850926	860501	183	172.1	106	860929	366	381.4	96	549	561.3	98
U08	851001	860501	214	170.0	126	860929	480	459.4	104	694	623.1	111
U09	851001	860502	266	204.9	130	861001		457.7			653.9	
U10*	851001	860501	179	165.0	108	861002	350	320.7	109	529	483.7	109
U11	850926	860501	175	167.9	104	860929	476	444.8	107	651	611.5	106
	AVERAGE :		193	178.1	108		462	415.2	111	648	590.8	110
D-A*	850930	860501	168	223.2	75	860930	580	408.8	142	748	632.1	118
D-J*	850930	860501	239	255.0	94	860930	617	427.5	144	856	682.5	125
E-B*	850930	860501	232	247.4	94	860930	717	460.0	156	949	707.4	134
E-D*	850930	860501		269.0		860930		480.8		933	749.8	124
W-B*	850930	860501	216	239.8	90	860930	487	435.4	112	703	675.2	104
W-F*	850930	860501	203	254.3	80	860930	588	446.6	132	791	700.9	113
W-G*	850930	860501	215	250.5	86	860930	636	442.9	144	851	693.4	123
	AVERAGE :		212	248.5	86		604	443.1	138	833	691.6	120

TABLE 13 LAC LA BICHE FOREST LOCATIONS

STN	NAME	LSD	LAT	LONG	ELEV (M)	YRS
V01	MAY TOWER	13-03-076-16-W4	55 34	112 24	896	11
V02	COWPER TOWER	13-24-080-04-W4	55 57	110 30	563	4
V03	HEART LAKE TOWER	11-29-068-09-W4	54 54	111 20	863	1
V04	BOIVIN CREEK	16-14-082-17-W4	56 07	112 31	537	1
	AVERAGE :				715	

TABLE 14 LAC LA BICHE FOREST DATA 1985-86

STN	[FROM DATE YYMMDD	TO/FROM WINTER DATE YYMMDD	PRECIP (MM)	AVG (MM)	RATIO %	][TO DATE YYMMDD	SUMMER PRECIP (MM)	AVG (MM)	RATIO %	][ANNUAL W + S (MM)	AVG (MM)	RATIO %]
V01	851002	860327	171	184.7	93	861015	418	357.9	117	589	544.1	108
V02	850911	860419	143	147.5	97	860909	236	279.7	84	379	428.7	88
V03	850925	860414	155	155.0	100	861001	365	514.0	71	520	598.9	87
V04	850925	860327	107	107.0	100	861010	285	285.0	100	392	392.0	100
	AVERAGE:		144	148.6	97		326	359.2	93	470	490.9	96

TABLE 15 FOOTNER LAKE FOREST LOCATIONS

STN	NAME	LSD	LAT	LONG	ELEV (M)	YRS
W01	WADLIN TOWER	08-19-101-09-W5	57 47	115 27	853	7
W02	FOGGY TOWER	16-31-111-06-W5	58 47	115 00	884	8
W03	WHITESANDS TOWER	02-23-120-06-W5	59 26	114 55	945	8
W04	STEEN TOWER	03-31-122-22-W5	59 38	117 47	707	7
W05	PICADILLY	09-02-100-04-W5	57 39	114 31	448	1
W06	LUTOSE CK -HAY R.	05-03-119-20-W5	59 18	117 21	293	1
W07	AMBER RIVER	16-25-118-09-W6	59 17	119 22	588	1
	AVERAGE :				674	

TABLE 16 FOOTNER LAKE FOREST DATA 1985-86

STN	[FROM DATE YYMMDD	TO/FROM WINTER DATE YYMMDD	PRECIP (MM)	AVG (MM)	RATIO %	][TO DATE YYMMDD	SUMMER PRECIP (MM)	AVG (MM)	RATIO %	][ANNUAL W + S (MM)	AVG (MM)	RATIO %]
W01	850916	860501	184	155.1	119	860912	331	359.7	92	515	519.0	99
W02	850926	860501	145	115.8	125	860915	223	243.3	92	368	354.9	104
W03	850923	860523	342	204.0	168	860826	168	219.6	77	510	403.9	126
W04	850926	860501	248	152.0	163	860821	210	191.7	110	458	327.7	140
W05	850926	860527	209	209.0	100	MSG						
W06	850926	860501	137	137.0	100	861001	266	266.0	100	403	403.0	100
W07	850926	860501	110	110 0	100	861001	181	181.0	100	291	291.0	100
	AVERAGE :		196	154.7	125		146	243.6	95	343	383.3	111

TABLE 17 PEACE RIVER FOREST LOCATIONS

STN	NAME	LSD	LAT	LONG	ELEV (M)	YRS
Y01	BATTLE RIVER LO	07-20-094-23-W5	57 10	117 40	640	8
Y02	CLEAR HILLS LO	04-05-088-09-W6	56 36	119 24	1067	7
	AVERAGE :				854	

TABLE 18 PEACE RIVER FOREST DATA 1985-86

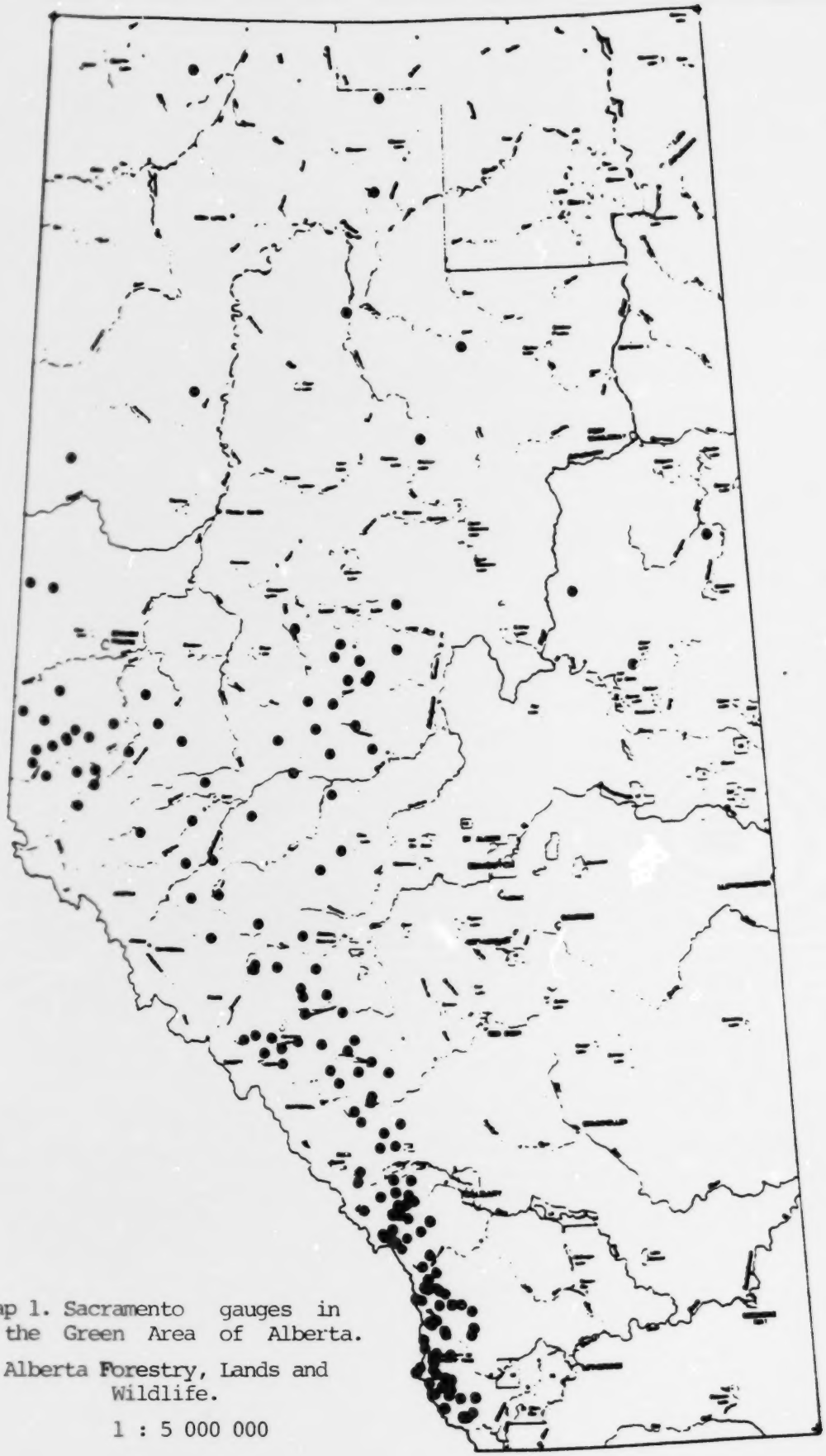
STN	[FROM DATE YYMMDD	TO/FROM WINTER DATE YYMMDD	PRECIP (MM)	AVG (MM)	RATIO %	][TO DATE YYMMDD	SUMMER PRECIP (MM)	AVG (MM)	RATIO %	][ANNUAL W + S (MM)	AVG (MM)	RATIO %]
Y01	851001	860501	143	110.9	129	861001	195	246.4	79	338	352.7	96
Y02	850924	860501	193	134.8	143	861001	202	280.3	72	395	394.8	100
	AVERAGE:		168	122.9	136		199	263.4	76	367	373.8	98

TABLE 19 ATHABASCA FOREST LOCATION

STN	NAME	LSD	LAT	LONG	ELEV (M)	YRS
Z01	JEAN LAKE TOWER	02-18-098-24-W4	57 30	113 48	747	7

TABLE 20 ATHABASCA FOREST DATA 1985-86

STN	[FROM DATE YYMMDD	TO/FROM DATE YYMMDD	WINTER PRECIP (MM)	AVG (MM)	RATIO %	][TO DATE YYMMDD	SUMMER PRECIP (MM)	AVG (MM)	RATIO %	][W + S (MM)	ANNUAL AVG (MM)	RATIO %]
Z01	850828	860509	266	146.9	181	860903	293	226.6	129	559	389.0	144



Map 1. Sacramento gauges in the Green Area of Alberta.

Alberta Forestry, Lands and Wildlife.

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